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				Attorney Docket No.			500.42876X00				
UTILITY PATENT APPLICATION Firs			First Inv	ento	r	MATSUMOTO, KAZUHIRO					
TRANSMITTAL Title								AND METHOD OF MANUFACTURING			
(Only for new nonprovisional applications under 37 CFR 1.53(b))					ROTORS THEREOF						
					fail Label No.						
APPLICATION ELEMENTS					ADDRESS	Assistant Commissioner for Patents Box Patent Application Washington, DC 20231					
SEE MPEP chapter 600 concerning utility patent application con					ADDALEGO .						
2. A	ibmit an original and	Il Form (e.g., PTO/SB/17) a dupticate for fee processing) as small entity status. 27.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) Computer Readable Form (CRE)							
3. 🛛 Sı	ecification	[Total Pages: 33]		a.							
(pr	(preferred arrangement set forth below)					i \square CD-ROM or CD-R (2 copies); or					
-C -S -R o	ross Referent tatement Reg eference to s a computer	e of the invention ice to Related Applications garding Fed sponsored R & D sequence listing, a table, program listing appendix the Invention			ii □ paper c. □ Statements verifying identity of above copies						
-B	rief Summary	y of the Invention			AC	COMPANY	ING AP	PLICATION PARTS			
-D -O	-Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure				9. Assignment Papers (cover sheet & documents(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney						
4. Drawing(s) (35 U.S.C. 113) [Total Pages: 13]					(when there is an assignee)						
b i.	eclaration Newly execute Copy from a p (for continue Signed Named 1.63(d)	11. English Translation Document (if applicable) 12. Information Disclosure									
18. If a COI	NTINUING A	APPLICATION, check appropriate t	oox. and sui	oply							
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Continuation Continuation-in-part (CIP) Of prior application No.: Prior application information: Examiner: Group Art Unit:											
Box 5b, is co	nsidered a p	DIVISIONAL APPS only: The entire dispart of the disclosure of the accompan	ying continu	atio	n or divisional ap	plication and	d is here	by incorporated by reference.			
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS											
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FEE TRANSMI		Applica	tion Nu	ımber						
for FY 200	3	E	Filing D	ate		July 11, 2003				
: 10111200	.	F	First Na	med Ir	nvento	matsumoto, Kazuhiro				
Effective 01/01/2003. Patent fees are subje	ect to annual revision	n. E	Examin	er Nan	ne					
☐ Applicant claims small entity status. See	37 CFR 1.27	1	Art Unit							
OTAL AMOUNT OF PAYMENT	1	Attorney Docket No.			500.42876X00					
METHOD OF PAYMENT (check all t		FEE CALCULATION (continued)								
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☑ Deposit Account:	Fee	Large Entity Fee	Fee	Small Entity Fee						
Deposit Account Number 01-2135	Code	(\$)	Code	(\$)	Fee Description	Fee Paid				
Deposit Account Name Antonelli, Terry, Sto	1051	130	2051	65	Surcharge – late filing fee or oath					
The Commissioner authorized to: (check all that ☐ Charge fees indicated below ☐ Credit any commissioner accordance to the conditional fee(s) during the con	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet					
Charge any additional fee(s) during the pender application	1053	130	1053	130	Non-English specification					
☐ Charge fees indicated below, except for the fi	1812	2,520	1812	2,520	For filing a request for ex parte reexamination					
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FEE CALCULATION	4005	4 0 4 0 *	4005	4 0 4 0	tD					

Requesting publication of SIR after **BASIC FILING FEE** Examiner action Large Entity Small Entity 1251 110 2251 Extension for reply within first month 55 Fee Fee Fee Description Fee Paid 1252 410 2252 Code (\$) 205 Extension for reply within second month Code 750.00 1001 750 2001 375 Utility filing fee 1253 930 2253 465 Extension for reply within third month 1002 330 2002 165 Design filing fee 1254 1,450 2254 725 Extension for reply within fourth month 2003 260 Plant filing fee 1003 520 1255 1,970 2255 985 Extension for reply within fifth month 1004 750 2004 375 Reissue filing fee 1401 320 2401 160 Notice of Appeal 2005 80 Provisional filing fee 1005 160 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 750.00 SUBTOTAL (1) 1451 1,510 1451 1,510 Petition to institute a public use proceeding 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1452 110 2452 Petition to revive - unavoidable Fee from 1453 1,300 2453 650 Petition to revive - unintentional Extra Claims below Fee Paid 1501 1,300 2501 650 Utility issue fee (or reissue) Total Claims 10 -20** = 018 0 1502 470 2502 235 Design issue fee -3** = 0Indep. 2 x 84 0 Claims 1503 630 2503 315 Plant issue fee Multiple Dependent 280 0 1406 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(g) Entity Small Entity Large Submission of Information Disclosure Stmt 1806 180 1806 180 Fee Fee Description Fee Fee Fee 8021 40 Recording each patent assignment per Code (\$) Code (\$) 8021 40 property (times number of properties) 40.00 18 2202 Claims in excess of 20 1202 1809 750 2809 375 Filing a submission after final rejection 1201 84 2201 42 Independent claims in excess of 3 (37 ČFR § 1.129(a)) For each additional invention to be 1810 750 2810 375 1203 2203 140 Multiple dependent claim, if not paid 280 examined (37 CFR § 1.129(b)) 1204 84 2204 42 * Reissue independent claims 1801 750 2801 375 Request for Continued Examination (RCE) over original patent 1802 900 1802 900 Request for expedited examination of a design application 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent Other fee (specify)

SUBMITTED BY Complete (if applicable) Registration No. Name (Print/Type) Alan E. Schlavelli (Attomey/Agent) 32,087 Telephone 703-312-6600 Signature July 11, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.